



SEP 1 4 ZZZZ

1633

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/489,101A

DATE: 09/06/2000 TIME: 11:34:44

Input Set : A:\476000_1.txt

Output Set: N:\CRF3\09062000\1489101A.raw

79 tgggaggggt gcaaaagagg agagtaagaa acagcatgga gaaaacccgg tacgctcaaa

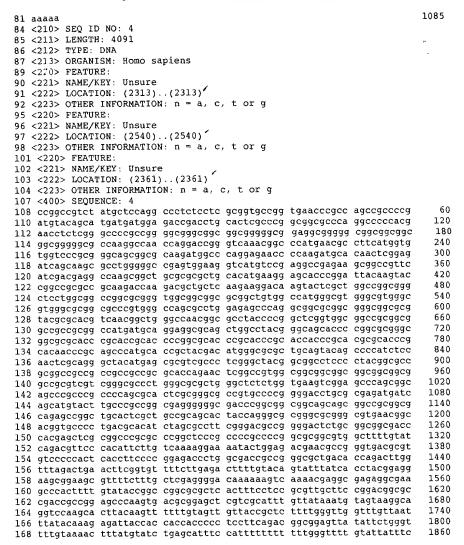
ENTERED

```
3 <110> APPLICANT: Gure, Ali
         Stockert, Elisabeth
         Scanlan, Matthew
         Jager, Dirk
         Old, Lloyd
         Chen, Yao-Tseng
10 <120> TITLE OF INVENTION: SMALL CELL LUNG CANCER ASSOCIATED ANTIGENS AND USES THEREOF
                                                                                   5ee P.
12 <130> FILE REFERENCE: L0461/7073
14 <140> CURRENT APPLICATION NUMBER: US 09/489,101A
15 <141> CURRENT FILING DATE: 2000-01-21
17 < 160 > NUMBER OF SEQ ID NOS: 22
19 <170> SOFTWARE: PatentIn version 3.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 29
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
26 <400> SEQUENCE: 1
                                                                           29
27 catgaatatg aacatgggta tgaacatgg
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 23
32 <212> TYPE: DNA
33 <213> ORGANISM: Homo sapiens
35 <400> SEQUENCE: 2
                                                                           23
36 tegcagecet caaactcaca etg
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 1085
41 <212> TYPE: DNA
42 <213> ORGANISM: Homo sapiens
44 <400> SEQUENCE: 3
45 cacagegeee geatgtacaa catgatggag aeggagetga ageegeeggg eeegeageaa
47 actteggggg geggeggegg caacteeace geggeggegg eeggeggeaa eeagaaaaae
49 agcccggacc gcgtcaagcg gcccatgaat gccttcatgg tgtggtcccg cgggcagcgg
51 cgcaagatgg cccaggagaa ccccaagatg cacaactegg agatcagcaa gegeetggge
53 gccgagtgga aacttttgtc ggagacggag aagcggccgt tcatcgacga ggctaagcgg
                                                                          300
55 ctgcgagcgc tgcacatgaa ggagcacccg gattataaat accggccccg gcggaaaacc
                                                                         360
57 aagacgetea tgaagaagga taagtacaeg etgeeeggeg ggetgetgge eeeeggegge
                                                                         420
59 aatagcatgg cgagcggggt cggggtgggc gccggcctgg gcgcgggcgt gaaccagcgc
                                                                         480
61 atggacagtt acgcgcacat gaacggctgg agcaacggca gctacagcat gatgcaggac
                                                                         540
63 cagetggget accegcagea eccgggeete aatgegeaeg gegeagegea gatgeageee
                                                                         600
65 atgeacoget acgaegtgag egecetgeag tacaacteca tgaccagete geagacetae
                                                                         660
67 atgaacggct cgcccaccta cagcatgtcc tactcgcage agggcacccc tggcatggct
69 cttggctcca tgggttcggt ggtcaagtcc gaggccagct ccagcccccc tgtggttacc
71 tetteeteee aetecaggge geeetgeeag geeggggaee teegggaeat gateageatg
                                                                         840
73 tatetecceg gegeegaggt geoggaacee geogeceeca geagaettea catgteccag
75 cactaccaga goggocoggt gocoggoacg gocattaacg goacactgoo cototoacac
77 atgtgaggge eggacagega aetggagggg ggagaaattt teaaagaaaa aegagggaaa
```

RAW SEQUENCE LISTING DATE: 09/06/2000 PATENT APPLICATION: US/09/489,101A TIME: 11:34:44

Input Set : A:\476000_l.txt

Output Set: N:\CRF3\09062000\I489101A.raw

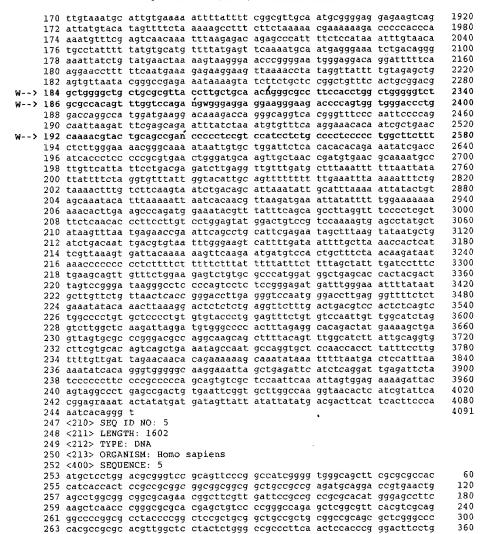




RAW SEQUENCE LISTING DATE: 09/06/2000 PATENT APPLICATION: US/09/489,101A TIME: 11:34:44

Input Set : A:\476000_1.txt

Output Set: N:\CRF3\09062000\I489101A.raw





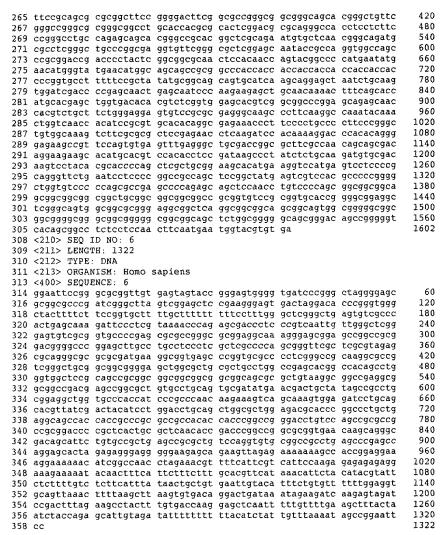
RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/489,101A

DATE: 09/06/2000 TIME: 11:34:44

Input Set : A:\476000_1.txt

Output Set: N:\CRF3\09062000\I489101A.raw





RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/489,101A

DATE: 09/06/2000 TIME: 11:34:44

Input Set : A:\476000_1.txt

Output Set: N:\CRF3\09062000\I489101A.raw

361 <210> SEQ ID NO: 7 362 <211> LENGTH: 2389 363 <212> TYPE: DNA 364 <213> ORGANISM: Homo sapiens 366 <400> SEQUENCE: 7 367 eggeteageg ggggeegagg ceatgtteet ggtgttteet tgeaegetge tggeeeeeee 120 369 cttccccgtg ctgggcctgg actcccgggg ggtgggcggc ctcatgaact ccttcccgcc 180 371 accteaggst cacgoccaga accccctgca ggtcggggct gagetccagt cccgcttctt 373 tgcctcccag ggctgcgccc agagtccatt ccaggccgcg ccggcgcccc cgcccacgcc 240 375 ccaqqcccq gcqqcqaqc ccctccaqqt ggacttgctc ccggtgctcg ccgccgccca 300 377 ggagteegee geggetgetg eggeegetge egeegetget geegeegteg etgeegegee 379 cocggecect geogeogect ctacggtgga cacageggee etgaageage etceggegee 420 381 cocteegoca ecceegocag tyteggegee egeggeegag geeggeeee eegeeteege 383 egecaetate geogeggegg eggecaeege egtegtagee ecaaeetega eggtegeegt 385 ggccccggtc gcgtctgcct tggagaagaa gacaaagagc aaggggccct acatctgcgc 387 tetgtgegee aaggagttea agaaeggeta caateteegg aggeaegaag ceateeacae 389 gggagccaag gccggccggg tcccctcggg tgctatgaag atgccgacca tggtgcccct 391 gagecteetg agegtgeece agetgagegg ageeggeggg ggagggggag aggegggtge 393 cggcggcggc gctgccgcag tggccgccgg tggcgtggtg accacgaccg cctcggggaa 395 gcgcatccgg aagaaccatg cctgcgagat gtgtggcaag gccttccgcg acgtctacca 397 cctgaaccga cacaagctgt cgcactcgga cgagaagccc taccagtgcc cggtgtgcca 1020 399 geagegette aagegeaagg accgeatgag etaceaegtg egeteaeatg aeggegetgt 1080 401 gcacaageec tacaactget eccactgtgg caagagette teeeggeegg atcacetcaa 1140 403 cagteacgte agacaagtge acteaacaga acggeeette aaatgtgaga aatgtgagge 1200 405 agetttegee acgaaggate ggetgeggge geacacagta egacacgagg agaaagtgee 1260 407 atgtcacgtg tgtggcaaga tgctgagctc ggcttatatt tcggaccaca tgaaggtgca 1320 409 cagccagggt cctcaccatg tetgtgaget etgcaacaaa ggtactggtg aggtttgtee 411 aatggeggeg geageggeag eggeggeage ggeageageg geageagtag eageceetee 1380 1440 413 cacagetgtg ggctccctct cgggggggga gggggtgcct gtgagctctc agccacttcc 415 ctcccaaccc tggtgagctc caagttggtt gcgggggaga ggggagaatg gagtagagtc 1500 1560 417 cettggtaca ageteetete ecceetettt teccaecaac tectatttee etaccaacca 419 aggageetee agaaggaaag gaggaagaaa tgttttetta ggggaatteg etaggtttta 1620 421 acgatttgct teteetgete etettetate agacetgace ecacacaaac etgteecete 1680 1740 423 ggttgtgttg aagtcccctg gacagtgggc aggggtggca gaggacacga gcagccactg 425 coogtaceco etetectete tgtaagecea tgecetgtet teccagggae ttgtgageet 1800 427 cttecetega eggteetett eteteettee agteetetee eeetgetgte tgeageceet 1860 429 ccccggggag ttggtgcttt cttttccttt ttttttttt ttccaggggg agggaggaga 1920 431 ggaaggaggg ggatcagagc tgtcccaaag agggaaageg gtgaggtttg aggaggggca 1980 433 gaagcagggc cggcaaaggt tgtaccttca taaggtggta tcggggggtt ggggtcaggc 2040 435 cctgaacatc gtcctacttg agaatctgtc aggggaaaaa gtcaagggga gcaggaggaa 2100 2160 437 gagccaggag ggccagaggc agagaagaga tggagtctta ggggccaggg tgagccaggg 2220 441 ttccacccca getecagece tggtettgte ttttcatece tettececae gacagaagaa 2280 2340 443 gttgtggccc tggcatgtca tcgtgttcct gtgtcccctg catgtacccc accetccacc 2389 445 ccttectttt gegeggaeee cattacaata aattttaaat aaaateetg 448 <210> SEQ ID NO: 8 449 <211> LENGTH: 1860

SEP 1 4 2000; TECH CENTER 1600/2900

ZF.Y.1.

Please Note:

450 <212> TYPE: DNA

451 <213> ORGANISM: Homo sapiens

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least ne n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/489,101A

DATE: 09/06/2000

TIME: 11:34:45

Input Set : A:\476000_1.txt

Output Set: N:\CRF3\09062000\1489101A.raw

L:184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 L:954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 L:1557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 L:2739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:2773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

RECEIVED

SEP J 4 2007

TECH CENTER 1600/2900